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| Form PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 023829-0287 | SERIAL NO. 10/764,275 |
| INFORMATION DISCLOSURE CITATION MAR 01 2004 (Use several sheets if necessary) | | APPLICANT Michael A. Porter | |
| | | FILING DATE 1/23/04 | GROUP ART UNIT To be determined |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|--------------------|------------|------------------|-------|---------------|----------------------------------|
| A | A1 | 6,056,903 | 05/02/2000 | Greenwood et al. | | | |
| | A2 | 5,939,182 | 08/17/1999 | Huang et al. | | | |
| | A3 | 5,760,182 | 06/02/1998 | Adachi et al. | | | |
| | A4 | 5,707,522 | 01/13/1998 | Maeda et al. | | | |
| | A5 | 5,658,714 | 08/19/1997 | Westfall et al. | | | |
| | A6 | 5,554,292 | 09/10/1996 | Maeda et al. | | | |
| | A7 | 5,503,746 | 04/02/1996 | Gagnon | | | |

FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
|---|-----|--------------------|------------|----------------|-------|---------------|-------------|----|
| | | | | | | | YES | NO |
| A | A47 | GB 1 540 376 | 02/14/1979 | Great Britain | | | | |
| | A48 | 1 580 051 | 11/26/1980 | United Kingdom | | | | |
| | A49 | WO 98/12209 | 03/26/1998 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|---|
| A50 | International Search Report for PCT/US01/43304 dated December 19, 2002 (2 pages). |
| A51 | Cheryan, "Mass Transfer Characteristics of Hollow Fiber Ultrafiltration of Soy Protein Systems," <u>J. Food Proc. Eng.</u> , 1, pp. 269-287 (1977). |
| A52 | Gould et al., "A Practical Approach to Controlling the Fouling of Ultrafiltration Membranes: A Case Study of the Successful Development of a Commercial Soy Protein Application," available @ http://www.osmonics.com/products/Page823.htm (available at least by Dec. 3, 1999). |
| A53 | Lawhon et al., "Processing Whey-Type By-Product Liquids from Cottonseed Protein Isolation with Ultrafiltration and Reverse Osmosis Membranes," <u>J. Food Proc. Eng.</u> , 1, pp. 15-35 (1977). |
| A54 | Lawhon et al., "Production of Protein Isolates and Concentrates from Oilseed Flour Extracts using Industrial Ultrafiltration and Reverse Osmosis Systems," <u>Journal of Food Science</u> , 42, pp. 389-394 (1977). |
| A55 | Lawhon et al., "Optimization of Protein Isolate Production from Soy Flour Using Industrial Membrane Systems," <u>Journal of Food Science</u> , 43, pp. 361-369 (1978). |
| A56 | Lawhon et al., "Alternate Processes for Use in Soy Protein Isolation by Industrial Ultrafiltration Membranes," <u>Journal of Food Science</u> , 44, pp. 213-219 (1979). |
| A57 | Lawhon et al., "Soy Protein Ingredients Prepared by New Processes-Aqueous Processing and Industrial Membrane Isolation," <u>Journal of the American Oil Chemists' Society</u> , 58, pp. 377-383 (Mar. 1981). |
| A58 | Lawhon et al., "Production of Oil and Protein Food Products from Raw Peanuts by Aqueous Extraction and Ultrafiltration," <u>Journal of Food Science</u> , 46, pp. 391-395 (1981). |
| A59 | Lawhon et al., "Combining Aqueous Extraction and Membrane Isolation Techniques to Recover Protein and Oil from Soybeans," <u>Journal of Food Science</u> , 46, pp. 912-916 (1981). |

EXAMINER

Anthony W. Lee

DATE CONSIDERED

10/1/04

- * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

Form PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

023829-0287

SERIAL NO.

10/764,275

INFORMATION DISCLOSURE CITATION

APPLICANT

Michael A. Porter

FILING DATE

1/23/04

GROUP ART UNIT

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(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|--------------------|------------|-----------------------|-------|---------------|----------------------------------|
| <i>[Signature]</i> | A8 | 5,476,590 | 12/19/1995 | Brose et al. | | | |
| | A9 | 5,456,843 | 10/10/1995 | Koenhen | | | |
| | A10 | 5,290,448 | 03/01/1994 | Sluma et al. | | | |
| | A11 | 5,086,166 | 02/04/1992 | Lawhon et al. | | | |
| | A12 | 5,039,420 | 08/13/1991 | Klein et al. | | | |
| | A13 | 5,000,848 | 03/19/1991 | Hodgins et al. | | | |
| | A14 | 4,943,374 | 07/24/1990 | Heininger et al. | | | |
| | A15 | 4,943,373 | 07/24/1990 | Onishi et al. | | | |
| | A16 | 4,906,379 | 03/06/1990 | Hodgins et al. | | | |
| | A17 | 4,897,465 | 01/30/1990 | Cordle et al. | | | |
| | A18 | 4,889,921 | 12/26/1989 | Diosady et al. | | | |
| | A19 | 4,787,976 | 11/29/1988 | Parham et al. | | | |
| | A20 | 4,697,004 | 09/29/1987 | Puski et al. | | | |
| | A21 | 4,624,805 | 11/25/1986 | Lawhon | | | |
| | A22 | 4,420,425 | 12/13/1983 | Lawhon | | | |
| | A23 | 4,332,719 | 06/01/1982 | Lawhon et al. | | | |
| | A24 | 4,324,805 | 04/13/1982 | Olsen | | | |
| | A25 | 4,293,571 | 10/06/1981 | Olofsson et al. | | | |
| | A26 | 4,256,652 | 03/17/1981 | Kidani et al. | | | |
| | A27 | 4,252,652 | 02/24/1981 | Elfert et al. | | | |
| | A28 | 4,163,010 | 07/31/1979 | Garbutt | | | |
| | A29 | 4,147,745 | 04/03/1979 | Sano et al. | | | |
| | A30 | 4,125,527 | 11/14/1978 | Buhler et al. | | | |
| | A31 | 4,091,120 | 05/23/1978 | Goodnight, Jr. et al. | | | |
| | A32 | 4,088,795 | 05/09/1978 | Goodnight, Jr. et al. | | | |
| | A33 | 4,075,361 | 02/21/1978 | Oberg | | | |
| | A34 | 4,072,670 | 02/07/1978 | Goodnight, Jr. et al. | | | |
| <i>[Signature]</i> | A35 | 4,069,103 | 01/17/1978 | Müller | | | |
| | A36 | 4,028,468 | 06/07/1977 | Hohner et al. | | | |

*Anthony J. Blise**10/1/04*

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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | A60 | Lawhon et al., "New Techniques in Membrane Processing of Oilseeds," <u>Food Technology</u> , 38 , pp. 97-106 (1984). | | | | | |
| | A61 | Nichols et al., "Production of Soy Isolates by Ultrafiltration: Factors Affecting Yield and Composition," <u>J. Food Sci.</u> , 46 , pp. 367-372 (1981). | | | | | |
| | A62 | Okubo et al., "Preparation of Low-Phytate Soybean Protein Isolate and Concentrate by Ultrafiltration," <u>Cereal Chemistry</u> , 52 , pp. 263-271 (1975). | | | | | |
| | A63 | Omosaiye et al., "Removal of Oligosaccharides from Soybean Water Extracts by Ultrafiltration," <u>J. Food Sci.</u> , 43 , pp. 354-360 (1978). | | | | | |
| | A64 | Omosaiye et al., "Ultrafiltration of Soybean Water Extracts: Processing Characteristics and Yields," <u>J. Food Sci.</u> , 44 , pp. 1027-1031 (1979). | | | | | |
| | A65 | Omosaiye et al., "Low-Phytate, Full-Fat Soy Protein Product by Ultrafiltration of Aqueous Extracts of Whole Soybeans," <u>Cereal Chem.</u> , 56 , pp. 58-62 (1979). | | | | | |
| | A66 | Osmonics, "Osmonics® Ultrafilic® M-Series Membrane Engineered to be 'Fouling-Free,'" available @ http://www.osmonics.com/scripts/PressTmpl.asp?PressRelID=307 (dated Oct. 4, 1999). | | | | | |
| | A67 | Osmonics, "UltraFilic Membranes," available @ http://www.osmonics.com/products/Page918.htm (available at least by Nov. 15, 2000). | | | | | |
| | A68 | Porter et al., "Membrane ultrafiltration," <u>Chem. Tech.</u> , pp. 56-63 (Jan. 1971). | | | | | |
| | A69 | S. K. Sayed Razavi, J. L. Harris, F. Sherkat, "Fouling and cleaning of membranes in the ultrafiltration of the aqueous extract of soy flour," <u>Journal Of Membrane Science</u> , 114 (1996), pp. 93-104. | | | | | |
| | A70 | Torok, "The Filtration Spectrum," available @ http://www.osmonics.com/products/Page710.htm (Published in "Filtration News" on May 1, 1994). | | | | | |
| | A71 | United Soybean Board, "Soy Protein Isolate" available @ http://www.talksoy.com/isolate.htm (available at least by Sept. 6, 2000). | | | | | |

Anthony Weiss 10/1/04